

WHAT IS CLAIMED IS:

1. A system for managing event publication and subscription of event producer-consumers, the system comprising:

5           a logical event manager; and

a physical event manager in communication with the logical event manager and a first and a second event producer-consumer, wherein the physical event manager comprises:

10           a first mapper operable to translate between the  
logical event manager and the first event producer-  
consumer; and

15                    a second mapper operable to translate between the  
                     logical event manager and the second event producer-  
                     consumer.

15

2. The system of Claim 1 further comprising a listener-sender having the first mapper and in communication with the logical event manager and the first and the second event producer-consumer.

20

3. The system of Claim 1 wherein the first mapper is operable to translate a signal occurring at the first producer-consumer to a logical event for the logical event manager.

25

4. The system of Claim 1 wherein the first mapper is operable to translate a logical event occurring at the logical event manager to a signal for the first producer-consumer.

30

5. The system of Claim 1 wherein the first event consumer-producer is operable to subscribe to a logical event managed by the logical event manager.

6. The system of Claim 1 wherein the logical event manager is operable to publish a signal to the first event consumer-producer.

7. The system of Claim 1 wherein the first event consumer-producer is operable to communicate a signal to the logical event manager.

8. The system of Claim 1 wherein the physical event manager is operable to monitor the first producer-consumer for a signal.

[illegible]

5

10

15

20

Sub  
A2

25

30

communicating a first subscription for a logical event from the first event consumer to the physical event manager; and

translating the first subscription into a first logical subscription using the first mapper.

12. The method of Claim 9 further comprising instantiating the physical event manager by establishing the first mapper and the second mapper, wherein the first mapper is associated with the logical event and the first



13. A method for managing event publication and subscription of event producer-consumers, the method comprising:

```

    receiving a first signal from a first event producer
by a physical event manager;

```

receiving a second signal from a second event producer  
by the physical event manager;

```

        translating the first signal to a first logical event
using a first mapper;

```

```

        translating the second signal to a second logical
event using a second mapper;

```

```
communicating the first logical event to a logical
event manager; and
```

communicating the second logical event to the logical event manager.

14. The method of Claim 13 further comprising communicating a subscription for the first logical event from a first event consumer to the physical event manager.

15. The method of Claim 13 further comprising:

communicating a first subscription for a logical event from the first event consumer to the physical event manager; and

```

        translating the first subscription into a first
logical subscription using the first mapper.

```

16. The method of Claim 13 further comprising communicating the first logical event from the logical event manager to a first event consumer.

17. The method of Claim 13 further comprising monitoring the first event producer for the first signal.

18. The method of Claim 13 further comprising  
5 instantiating the physical event manager by establishing  
the first mapper, wherein the first mapper is associated  
with the first logical event and the first event producer.

